

SWBAT: describe charged objects

Jan 4-7:20 AM

Welcome!!!

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SECA Physics
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- * Pick up:
 - slip of paper (for later)
 - notebook



Opening question:

What happened to the cat with the balloon?

BALLOON GOT CHARGED - EXTRA ELECTRONS

BALLOON WAS ATTRACTED TO THE CAT centering

Sep 7-7:04 AM

~~USE LESS~~ Conservation of Charge

means that the total charge STAYS the SAME

→ CHARGE ISN'T CREATED OR DESTROYED
Electrons are only transferred = MOVED

you can't just get more charge from nothing

ELECTRICITY ⇒ ELECTRONS MOVE

Three ways to "charge" something:

- Friction = rubbing
- Contact = transfer by touching (but no rubbing) "zap"
- Induction = electrons rearranging on a conductor because of nearby charges

Feb 3-7:13 AM

Let's explore this some more:

- *Check out a computer
- *Log in
- *Google "phet balloons" & pick 1st choice
- *Work your way through the packet

Catchy Physics Phrases

Feb 3-7:31 AM

Daily 3 Questions

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. Electrons are not created or destroyed, only

TRANSFERRED

2. Which type of charging involves **rubbing** electrons from one object onto another?

a. friction

b. contact

c. induction

Do you know the secret word?

3. If you transfer electrons **from** your hair onto a comb, are **you** positively or negatively charged?

Feb 1-7:52 AM